CIVIL TECH LABS

5, 1st Cross, Srinivasa Colony, Mission Road, Bangalore - 560027
Ph: 080 - 4114 2867, Email: civiltechlabs@gmail.com

TEST REPORT

Bitumen Content Determination on BC Mix-Grade 2

Name & Address of the Customer	AEE, Yelahanka New Town Sub Division, BBMP
Name of the Work	Improvements and asphalting to cross roads Rajkumar road in Chikkabommasandra ward no 04.
Name of the Agency	M/s. Technical Manager (West)
Date of Testing	27/11/2014

Specification : As Per MORTH (4th Revision) Table 500-18 Bitumen Content for BC/Grade-2 is 5 % TO 7 %

Sl.no	Description	Sample-1	Sample-2
1	Weight of mixture before test, g	1000	1000
2	Weight of mixture after test, g	946	945
3	Weight of bitumen extracted, g	54	55
4	Bitumen content in %	5.4	5.5
5	Average Bitumen content in %	5.45	
Remarks :	**Satisfactory**		

AE 13-4

Note:

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TEST REPORT

GRADATION TEST ON BC MIX GRADE - 2

Name & Address of the Customer	AEE, Yelahanka New Town Sub Division, BBMP
Name of Work	Improvements and asphalting to cross roads Rajkumar road in Chikkabommasandra ward no 04.
Name of the Agency	M/s. Technical Manager (West)
Date of Testing	27/11/2014
Reference	MORTH Table 500-18 BC-Grade 2

	Sample-2		
IS Sieve Designation (mm)	**% By Weight Passing IS Sieve**	**Actual % By Weight Passing IS Sieve**	**Remarks**
19	100	100	**Satisfies Requirements**
13.2	79-100	96.9	
9.5	70-88	78.3	
4.75	53-71	65.1	
2.36	42-58	48.3	
1.18	34-48	43.4	
0.6	26-38	32.1	
0.3	18-28	22.8	
0.15	12-20	16.9	
0.075	4-10	7.9	

AE 4.4

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TEST REPORT

GRADATION TEST ON BC MIX GRADE - 2

Name & Address of the Customer	AEE, Yelahanka New Town Sub Division, BBMP
Project	Improvements and asphalting to cross roads Rajkumar road in Chikkabommasandra ward no 04.
Name of the Agency	M/s. Technical Manager (West)
Date of Testing	27/11/2014
Reference	MORTH Table 500-18 BC-Grade 2

	Sample-1		
IS Sieve Designation (mm)	**% By Weight Passing IS Sieve**	**Actual % By Weight Passing IS Sieve**	**Remarks**
19	100	100	**Satisfies Requirements**
13.2	79-100	98.3	
9.5	70-88	77.2	
4.75	53-71	64.1	
2.36	42-58	49.3	
1.18	34-48	42.4	
0.6	26-38	33.4	
0.3	18-28	21.6	
0.15	12-20	17.7	
0.075	4-10	8.2	

AE W-4

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TEST REPORT

Bitumen Content Determination on BM Mix-Grade 2

Name & Address of the Customer	AEE, Yelahanka New Town Sub Division, BBMP
Name of the Work	Improvements and asphalting to cross roads Rajkumar road in Chikkabommasandra ward no 04.
Name of the Agency	M/s. Technical Manager (West)
Date of Testing	15/11/2014

Specification : As Per MORTH (4th Revision) Table 500-4
Bitumen Content BM/Grade-2 is 3.3 % TO 3.5 %

Sl.no	Description	Sample-1	Sample-2
1	Weight of mixture before test, g	2000	2000
2	Weight of mixture after test, g	1931	1933
3	Weight of bitumen extracted, g	69	67
4	Bitumen content in %	3.45	3.35
5	Average Bitumen content in %	3.40	
Remarks :	**Satisfactory**		

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TEST REPORT

TEST ON BM MIX GRADE - 2

Name & Address of the Customer	AEE, Yelahanka New Town Sub Division, BBMP
Name of Work	Improvements and asphalting to cross roads Rajkumar road in Chikkabommasandra ward no 04.
Name of the Agency	M/s. Technical Manager (West)
Date of Testing	15/11/2014
Reference	MORTH Table 500-4 BM-Grade 2

	Sample-2		
IS Sieve Designation (mm)	**% By Weight Passing IS Sieve**	**Actual % By Weight Passing IS Sieve**	**Remarks**
26.5	100	100	**Satisfies Requirements**
19	90-100	98.3	
13.2	56-88	77.6	
4.75	16-36	28.2	
2.36	4-19	16.3	
0.3	2-10	8.1	
0.075	0-8	6.9	

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TEST REPORT

TEST ON BM MIX GRADE - 2

Name & Address of the Customer	AEE, Yelahanka New Town Sub Division, BBMP
Name of Work	Improvements and asphalting to cross roads Rajkumar road in Chikkabommasandra ward no 04.
Name of the Agency	M/s. Technical Manager (West)
Date of Testing	15/11/2014
Reference	MORTH Table 500-4 BM-Grade 2

	Sample-1		
IS Sieve Designation (mm)	**% By Weight Passing IS Sieve**	**Actual % By Weight Passing IS Sieve**	**Remarks**
26.5	100	100	**Satisfies Requirements**
19	90-100	97.6	
13.2	56-88	78.3	
4.75	16-36	27.3	
2.36	4-19	15.4	
0.3	2-10	7.7	
0.075	0-8	7.1	

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TEST REPORT

TEST ON WMM MIX

Name & Address of the Customer	AEE, Yelahanka New Town Sub Division, BBMP
Name of Work	Improvements and asphalting to cross roads Rajkumar road in Chikkabommasandra ward no 04.
Name of the Agency	M/s. Technical Manager (West)
Date of Testing	10/11/2014
Reference	MORTH Table 400-11

	Sample-2		
IS Sieve Designation (mm)	**% By Weight Passing IS Sieve**	**Actual % By Weight Passing IS Sieve**	**Remarks**
53	100	100	**Satisfies Requirements**
45	95-100	97.6	
22.4	60-80	74.8	
11.2	40-60	55.3	
4.75	25-40	32.4	
2.36	15-30	23.8	
0.6	8-22	17.2	
0.075	0-8	5.9	

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TEST REPORT

TEST ON WMM MIX

Name & Address of the Customer	AEE, Yelahanka New Town Sub Division, UBMP
Name of Work	Improvements and asphalting to cross roads Rajkumar road in Chikkahommasandra ward no 04.
Name of the Agency	M/s. Technical Manager (West)
Date of Testing	10/11/2014
Reference	MORTH Table 400-11

	Sample-1		
IS Sieve Designation (mm)	**% By Weight Passing IS Sieve**	**Actual % By Weight Passing IS Sieve**	**Remarks**
53	100	100	**Satisfies Requirements**
45	95-100	98.1	
22.4	60-80	75.3	
11.2	40-60	56.4	
4.75	25-40	33.2	
2.36	15-30	24.6	
0.6	8-22	18.8	
0.075	0-8	6.1	

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